

# Main Roads Paving Program

City of Nashua

# Timeline & Details

- 2 seasons to complete
  - Spring 2016 – Fall 2016
  - Spring 2017 – Fall 2017
- Extensive night work
- Additional Asphalt vs. typical Paving Program
  - 2.75" depth vs. 2.0" depth
- Roads selected on amount of traffic
  - (arterial & major collectors)

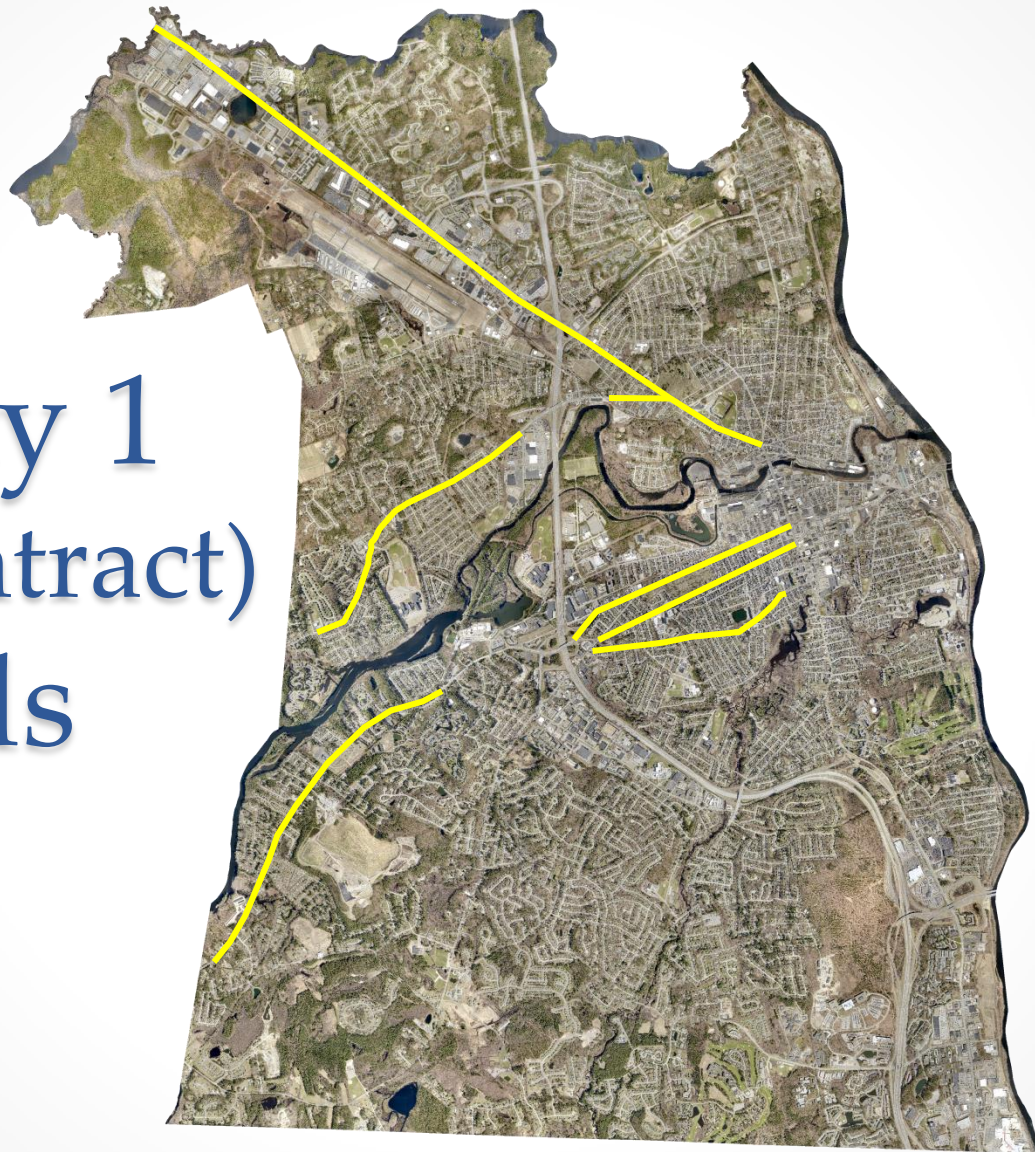
# Priority 1 (Base Contract) Roads

**Table 1. Main Roads Paving – List of Proposed Roads to Pave**

<b>Base Contract</b>			
<b>Name</b>	<b>From</b>	<b>To</b>	<b>Length, miles</b>
Amherst St	Main St	Hardy St	0.8
Amherst St	Hardy St	Turnpike	0.8
Amherst St	Turnpike	City Line	3.2
Broad St	Amherst St	35 Broad St	0.3
Broad St	Coliseum Ave	Dublin Ave	0.5
Broad St	Dublin Ave	Hyannis St	1.4
Kinsley St	New Dunstable Rd	Hanover St	0.9
Kinsley St	Hanover St	Main St	0.5
Lake St	Lund Rd	Almont St	0.6
Lake St	Almont St	Pine St	0.5
Lake St	Pine St	Ash St	0.1
Lake St	Ash St	Chestnut St	0.1
West Hollis St	Main St	Turnpike	1.7
West Hollis St	Wellesley Rd	Gary St	1.1
West Hollis St	Gary St	Marina Dr	0.6
West Hollis St	Marina Dr	1096 West Hollis St	0.6
Total Miles			13.7

\*Miles in Length (Not in "Lane Miles")

# Priority 1 (Base Contract) Roads



# Priority 2 (Alternate Contract) Roads

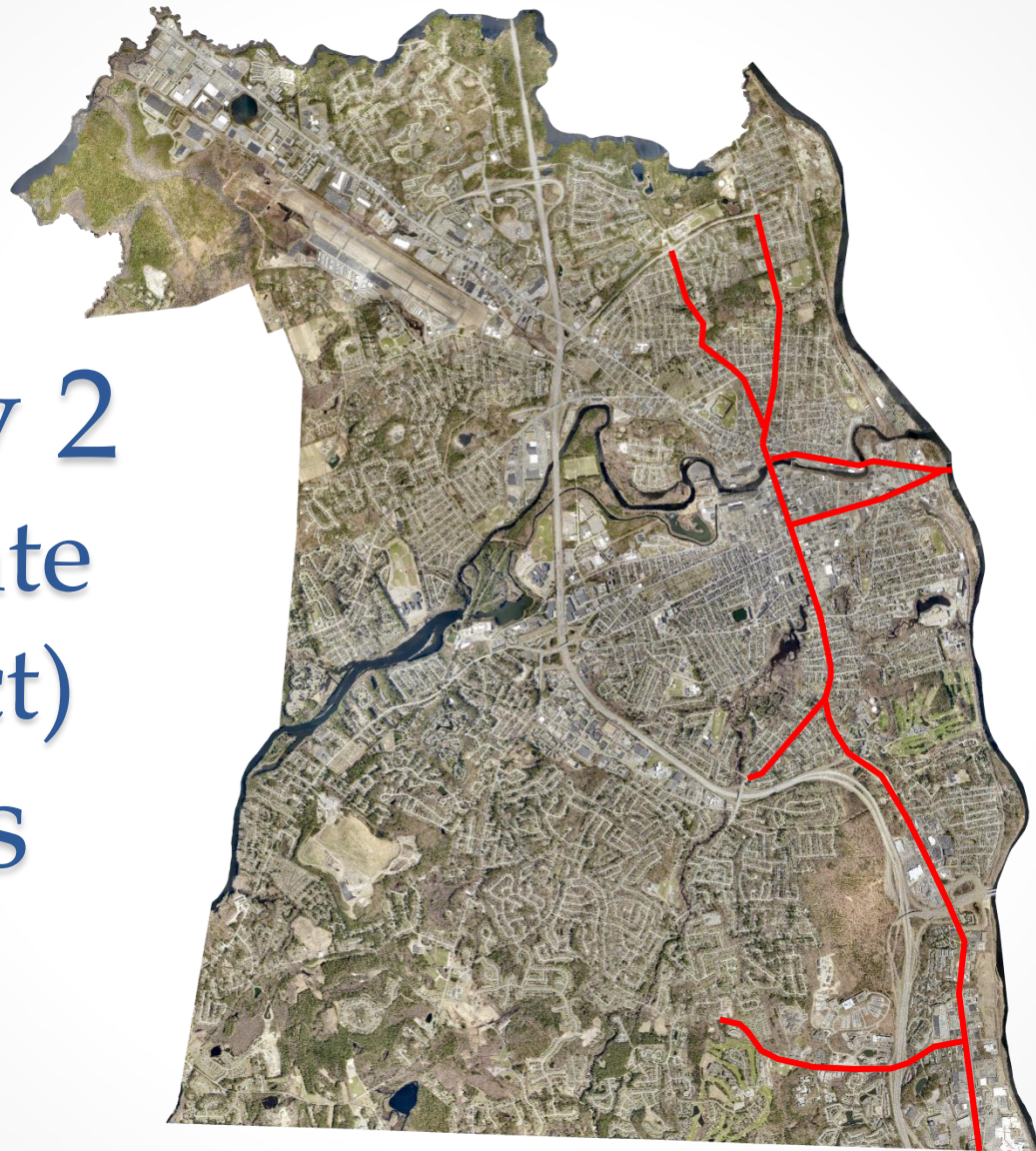
Alternate			
Name	From	To	Length, miles
Bridge St	Canal St	City Line	0.5
Canal St	Main St	Bridge St	0.7
Concord St	Main St	Henri Burque Hwy	1.5
DW Highway	Main St	Mass Line	2.9
East Dunstable Rd	Lund Rd	Main St	0.7
East Hollis St	Main St	City Line	1.1
Main St	Concord St	Roundabout	2.0
Manchester St	Henri Burque Hwy	Concord St	1.3
Spit Brook Rd/East Dunstable Rd	Lamb Rd	DW Highway	1.7
Total Miles			12.4

Priority 1 & 2 Roads = 26.1 total miles

\*Miles in Length (Not in "Lane Miles")



# Priority 2 (Alternate Contract) Roads



# Priority 1 & 2 Roads





# Road & Highway Fund

## Bond Repayment Analysis

Line No.	Fiscal Year	Beginning Balance	Revenue MVR	Revenue Block Grant	Expenses Paving	Expenses Paving Bond	Ending Balance	
1	FY2015	\$ -	\$ 700,000	\$ 1,379,894	\$ 1,966,688	\$ -	\$ 113,206	
2	FY2016	113,206	1,000,000	1,529,307	2,000,000	-	642,513	
3	FY2017	642,513	1,000,000	1,550,000	1,000,000	864,167	1,328,346	*
4	FY2018	1,328,346	1,000,000	1,550,000	1,000,000	1,708,500	1,169,846	**
5	FY2019	1,169,846	1,000,000	1,600,000	1,000,000	1,668,833	1,101,013	
6	FY2020	1,101,013	1,000,000	1,600,000	1,275,000	1,629,167	796,846	
7	FY2021	796,846	1,000,000	1,650,000	1,275,000	1,589,500	582,346	
8	FY2022	582,346	1,000,000	1,650,000	1,275,000	1,549,833	407,513	
9	FY2023	407,513	1,000,000	1,700,000	1,275,000	1,510,167	322,346	
10	FY2024	322,346	1,000,000	1,700,000	1,375,000	1,470,500	176,846	
11	FY2025	176,846	1,000,000	1,750,000	1,375,000	1,430,833	121,013	
12	FY2026	121,013	1,000,000	1,750,000	1,375,000	1,391,167	104,846	
13	FY2027	104,846	1,000,000	1,800,000	1,375,000	1,351,500	178,346	
14	FY2028	178,346	1,000,000	1,800,000	1,575,000	1,311,833	91,513	
15	FY2029	91,513	1,000,000	1,850,000	1,575,000	1,272,167	94,346	*Begin repayment of 1 <sup>st</sup> half of bond issue
16	FY2030	94,346	1,000,000	1,850,000	1,575,000	1,232,500	136,846	
17	FY2031	136,846	1,000,000	1,900,000	1,575,000	1,192,833	269,013	**Begin repayment of 2 <sup>nd</sup> half of bond issue
18	FY2032	269,013	1,000,000	<u>1,900,000</u>	2,000,000	<u>586,500</u>	582,513	
19	<b>Total FY17-FY32</b>			<b><u>\$ 27,600,000</u></b>		<b><u>\$ 21,760,000</u></b>		



# Paving Program

## Fiscal Year History<sup>1</sup>

<b>Fiscal <u>Year</u><sup>2</sup></b>	<b><u>Annual Paving Appropriation</u></b>
FY 2005	\$ 700,000
FY 2006	700,000
FY 2007	750,000
FY 2008	700,000
FY 2009 <sup>3</sup>	1,200,000
FY 2010	1,500,000
FY 2011	1,000,000
FY 2012	1,000,000
FY 2013	1,000,000
FY 2014	1,000,000
FY 2015	2,047,000
FY 2016	2,229,307
Bond	<u>17,000,000</u>
<b>Totals</b>	<b><u>\$ 30,826,307</u></b>

<sup>1</sup>Data provided by  
DPW Engineering

<sup>2</sup>FY 2006 - FY 2014 budgeted under  
Capital Improvements;  
FY 2015 - FY 2016 under Paving  
Special Revenue Fund

<sup>3</sup>Additional funding of  
\$500,000 per R-08-50  
passed 6/26/08

**Projected Bond Sale Plan**

**Updated 9/18/2015**

**City of Nashua**

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<u>Line No.</u>		<u>FY 16</u>	<u>FY 17</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 16 - FY 21</u>
1	<b>Authorized</b>							
2	Broad St. Parkway - BSP	\$ -	\$ 3,233,000	\$ 3,000,000	\$ -	\$ -	\$ -	
3	City Buildings (Public Health Building)	-	1,202,000	-	-	-	-	
4	School Roofs	1,500,000	-	-	-	-	-	
5	School Sunset Heights	10,300,000	-	-	-	-	-	
6	Amherst St / Charron Ave Improvements	550,000	-	-	-	-	-	
7	<b>Subtotal Authorized</b>	<b>12,350,000</b>	<b>4,435,000</b>	<b>3,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	
8								
9								
10	<b>Not Authorized</b>							
11	CERF	550,000	-	-	-	-	650,000	
12	LED Street Lights*	-	2,400,000	-	-	-	-	
13	Telecom System	-	1,500,000	-	-	-	-	
14	Public Health Building	-	1,000,000	-	-	-	-	
15	Burke St. Property	4,200,000	-	-	-	-	-	
16	Burke St. Property Renovation	-	-	10,000,000	-	-	-	
17	Spitbrook Rd. Fire Station	-	1,500,000	-	-	-	-	
18	School Renovations	-	-	-	10,300,000	8,000,000	8,000,000	
19	Other	-	-	3,000,000	-	3,000,000	-	
20	<b>Subtotal Not Authorized</b>	<b>4,750,000</b>	<b>6,400,000</b>	<b>13,000,000</b>	<b>10,300,000</b>	<b>11,000,000</b>	<b>8,650,000</b>	
21								
22								
23	<b>Subtotal General Fund (Lines 7 + 20)</b>	<b>17,100,000</b>	<b>10,835,000</b>	<b>16,000,000</b>	<b>10,300,000</b>	<b>11,000,000</b>	<b>8,650,000</b>	<b>\$ 73,885,000</b>
24								
25	<b>Mine Falls Dam Not Authorized - Enterprise</b>	<b>-</b>	<b>4,500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
26	<b>Street Paving Not Authorized - Special Rev.</b>	<b>8,500,000</b>	<b>8,500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
27								
28								
29	<b>Grand Total (Lines 23 + 25 + 26)</b>	<b>\$ 25,600,000</b>	<b>\$ 23,835,000</b>	<b>\$ 16,000,000</b>	<b>\$ 10,300,000</b>	<b>\$ 11,000,000</b>	<b>\$ 8,650,000</b>	<b>\$ 95,385,000</b>
30								
31	*Debt Service Paid for by Savings							